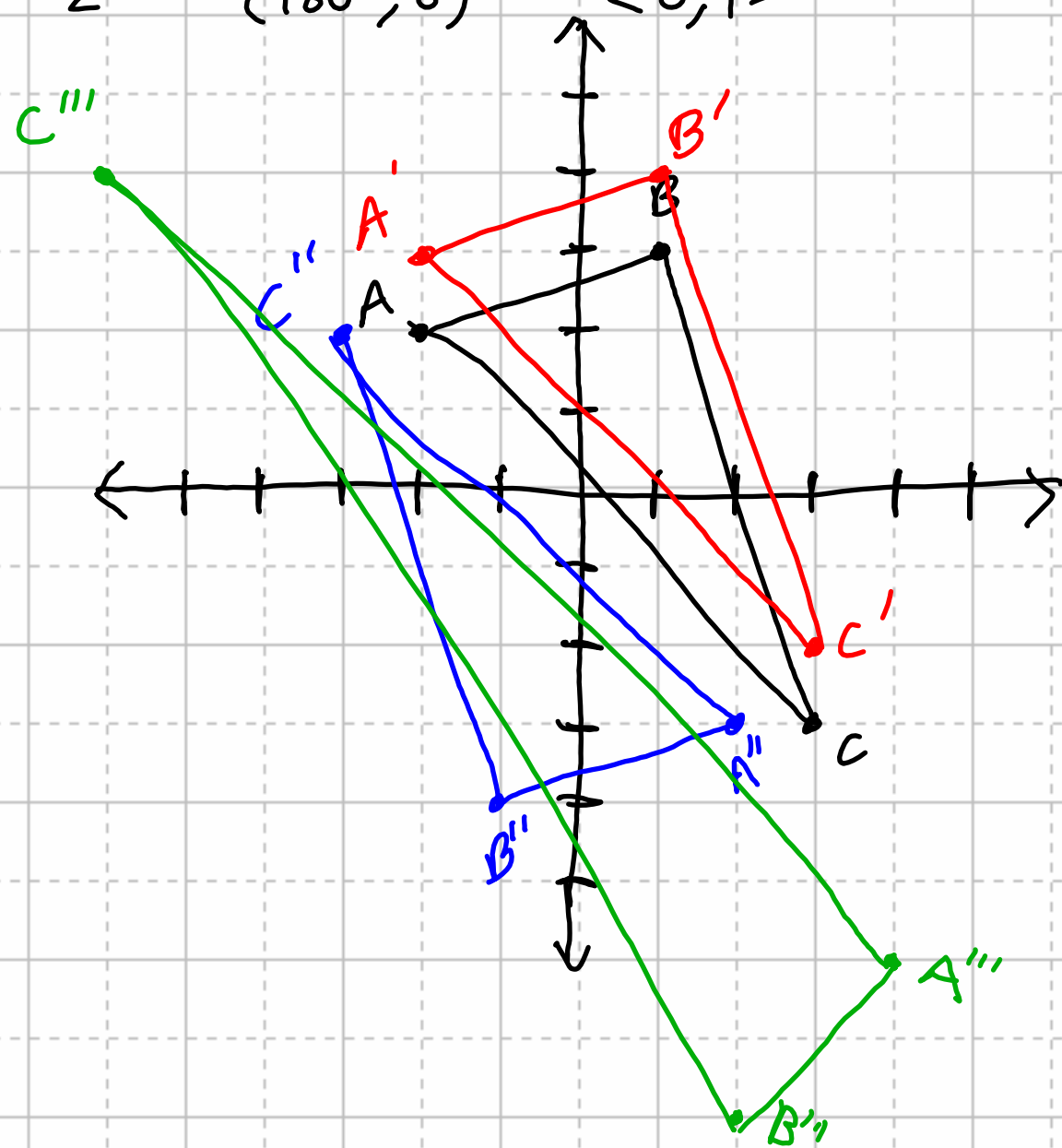


Composition of Transformations

→ read right to left

EX1 → $A(-2,2), B(1,3), C(3,-3)$

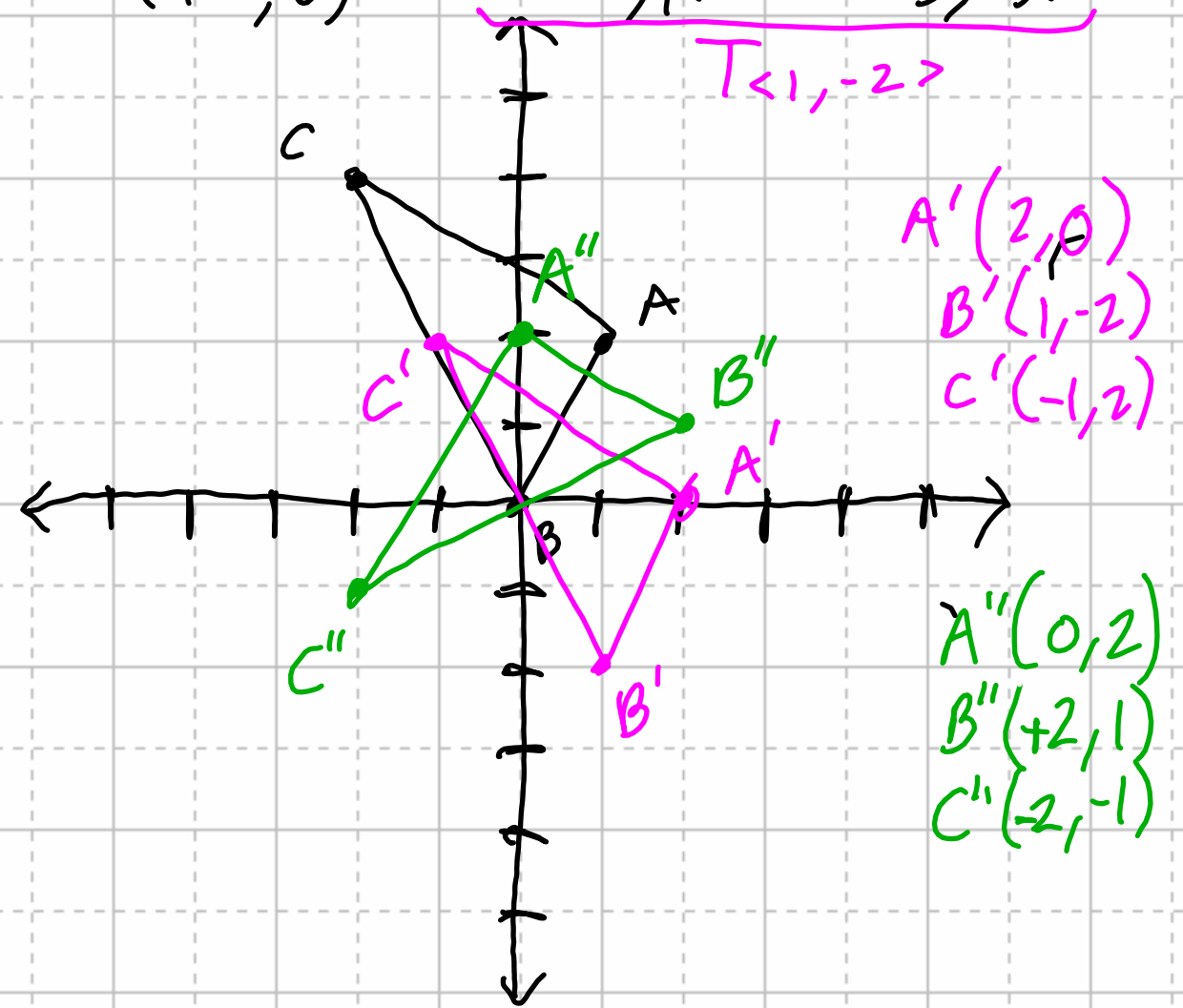
→ $D_2 \circ r(180^\circ, 0) \circ T_{\langle 0,1 \rangle}$



- $A'(-2,3)$
- $B'(1,4)$
- $C'(3,-2)$
- $A''(2,-3)$
- $B''(-1,-4)$
- $C''(-3,2)$
- $A'''(4,-6)$
- $B'''(-2,-8)$
- $C'''(-6,4)$

EX2 → $A(1,2), B(0,0), C(-2,4)$

→ $r(90^\circ, 0) \circ T_{\langle -2,1 \rangle} \circ T_{\langle 3,-3 \rangle}$
 $T_{\langle 1,-2 \rangle}$



- $A'(2,0)$
- $B'(1,-2)$
- $C'(-1,2)$
- $A''(0,2)$
- $B''(+2,1)$
- $C''(-2,-1)$